

# FPS1-6000-12000-A-1

## SPST, 6~12GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	6~12GHz
Insertion Loss:	2.0dB max.
Isolation:	80dB min.
VSWR:	1.5 max.
Input Power:	30dBm max.
Voltage/Current:	+5V±0.5V@50mA max.
	-5V±0.5V@50mA max.
Control:	TTL High - 1
	TTL Low/NC - 0
Impedance:	50Ω

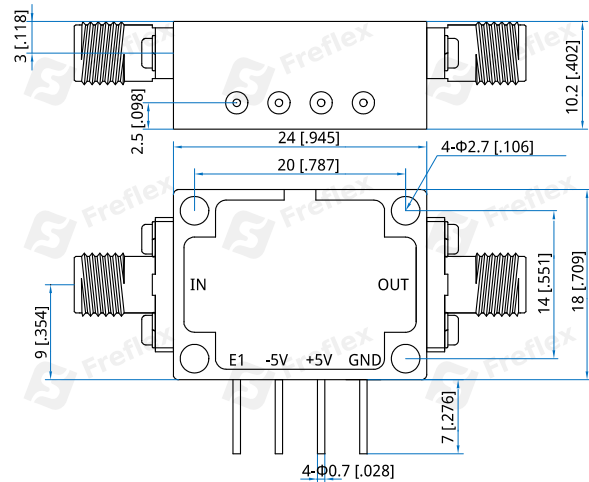
**Mechanical**

Size <sup>*1</sup> :	24*18*10.2mm
	0.945*0.709*0.402in
Switching Time:	100ns max.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Nickel plated aluminum
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Control True Table**

E1	Connection
0	On
1	Off

**How To Order**

[FPS1-6000-12000-A-1](#)

Customization is available upon request.